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(41)

1. Use of a composition comprising an organic nitrogen-containing compound having a molecular weight of 60 to 300 with the exception of urea and dinitro-ortho-cresol, an inorganic nitrate rest-breaking agent, and a surfactant, for breaking the rest in deciduous fruit species.
2. Use according to claim 1, characterized in that the organic nitrogen-containing compound is selected from the group consisting of (2-hydroxyethyl)tri(C₁-C₃)alkylammonium salts, (2-hydroxypropyl)tri(C₁-C₃)alkylammonium salts, and (2-hydroxybutyl)tri(C₁-C₃)-alkylammonium salts, and mixtures thereof.
3. Use according to claim 2, characterized in that the organic nitrogen-containing compound is a (2-hydroxyethyl)trimethylammonium or choline salt.
4. Use according to claim 3, characterized in that the organic nitrogen-containing compound is choline chloride.
5. Use according to any one of claims 1-4, characterized in that the inorganic nitrate rest-breaking agent is selected from the group consisting of potassium nitrate, calcium nitrate, ammonium nitrate, calcium ammonium nitrate, urea ammonium nitrate, zinc ammonium nitrate, and mixtures thereof.
6. Use according to claim 5, characterized in that the inorganic nitrate rest-breaking agent is selected from the group consisting of calcium nitrate, calcium ammonium nitrate, urea ammonium nitrate, and mixtures thereof.
7. Use according to any one of claims 1-6, characterized in that the surfactant is an alkoxylated amine or alkoxylated quaternary ammonium compound.
8. Use according to claim 7, characterized in that the surfactant is an alkoxylated amine.

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9. Use according to ~~any~~ ^A one of the preceding claims, characterized in that the deciduous fruit species is selected from the group consisting of apple species and grape species.
10. A composition useful for the breaking of rest in deciduous fruit species comprising an organic nitrogen-containing compound selected from the group consisting of ethylenediamine, (C₁-C₃)alkylated ethylenediamines, (carboxymethyl)tri-(C₁-C₃)-alkylammonium salts, (2-hydroxyethyl)tri(C₁-C₃)alkylammonium salts, (2-hydroxypropyl)tri(C₁-C₃)alkylammonium salts, (2-hydroxybutyl)tri(C₁-C₃)alkylammonium salts, and mixtures thereof, an inorganic nitrate rest-breaking agent, and a surfactant.
11. A composition according to claim 10, characterized in that the organic nitrogen-containing compound is selected from the group consisting of (2-hydroxyethyl)tri(C₁-C₃)alkylammonium salts, (2-hydroxypropyl)tri(C₁-C₃)alkylammonium salts, and (2-hydroxybutyl)tri(C₁-C₃)-alkylammonium salts, and mixtures thereof.
12. A composition according to claim 11, characterized in that the organic nitrogen-containing compound is a (2-hydroxyethyl)trimethylammonium or choline salt.
13. A composition according to claim 12, characterized in that the organic nitrogen-containing compound is choline chloride.
14. A composition according to any one of claims 10-13, characterized in that the inorganic nitrate rest-breaking agent is selected from the group consisting of potassium nitrate, calcium nitrate, ammonium nitrate, calcium ammonium nitrate, urea ammonium nitrate, zinc ammonium nitrate, and mixtures thereof.
15. A composition according to claim 14, characterized in that the inorganic nitrate rest-breaking agent is selected from the group consisting of calcium nitrate, calcium ammonium nitrate, urea ammonium nitrate, and mixtures thereof.

Sub B1

Sub A2

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Sub A 16. A composition according to any one of claims 10-15, characterized in that the surfactant is an alkoxylated amine or alkoxylated quaternary ammonium compound.

17. A composition according to claim 16, characterized in that the surfactant is an alkoxylated amine.

Add A³